



EP7 Summary, Feedback and Responses

Jan Poston Day

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EP7 Objectives Summary

EP7 General Objectives:

- **Develop the Release B interface with web technologies, wherever applicable**
- **Prototype alternative for X/Motif client with latest Internet technologies, i.e., Java and JavaScript**
- **Incorporate concepts from other prototypes (e.g., UMCP Dynamic Query)**
- **Incorporate feedback from previous EPs, PWs, and internal lessons learned**

EP7 JEST Objectives:

- **Prototype**
- **End-to-end capabilities: search, result, browse, acquire**
- **Implement dependent valids**
- **Improve performance**



EP7 Evaluation Summary

Evaluation Period 1 (August - October):

- **Software: JEST, Advertising Service, Data Dictionary**
 - 10 usability tests were conducted with 18 Participants
 - 37 evaluators recorded comments and survey responses

Evaluation Period 2 (November - December):

- **Software: JEST, ESST, Advertising Service, Data Dictionary, Document Search Tool, User Registration Tool, Desktop**
 - 5 usability tests were conducted with 15 Participants
 - 17 evaluators recorded comments and survey responses



EP7 JEST Comments

Evaluators liked:

- the use of web and Java technology
- JEST performance/response
- the EP7 FAQ
- the use of tabs/folders to organize JEST components
- a graphical Timeline display with type in fields
- the ability to select multiple spatial areas and temporal ranges
- Metadata Inspection within Timeline
- the links from the results list to the Data Dictionary
- integration of the browse capabilities within JEST
- the ability to cancel a search
- the ability to view the search status

Implementation of early Feedback about JEST



Search:

- Re-designed the implementation of search status

Results:

- Search criteria displayed with search results
- Improved navigation through results sets with large numbers of granules
- Browse 'Not Available' flag provided in results list
- Multiple Browse images can be displayed simultaneously

General:

- Project and Search names made editable
- Re-designed Log window to include increased help information

Additional Feedback from JEST version 2.0



General:

- Provide Copy/Cut/Paste/Save as.../Undo capabilities
- Need better integrated, and more Help
- Allow users to customize the available attributes in the search, result and order displays

Search:

- Separate the Search Status from the Results List
- Unify the look and feel of the Temporal and Spatial tools
- Provide a Zoom capability in the Timeline
- Provide more projections, spatial selection mechanisms, and type in fields for the Spatial tool

Additional Feedback from JEST version 2.0



Results:

- Provide a mechanism to 'Select all' granules for Order
- Provide Pan and Zoom capability in Browse
- Provide the ability for users to select Browse granules for Order

Order:

- Give the user more information about media type/format
- Provide more information about selected granules in the Shopping Cart (e.g., Collection name, granule ID, granule size, media type/format)
- Provide total cost of order including estimated shipping and handling
- Provide "Order received" confirmation email from DAAC(s) which includes a summary of the order
- A "Cancel Order" mechanism

Feedback on Advertising Service



General:

- The distinctions between 'Product', 'Service', and 'Provider' not clear
- Navigation needs improvement
- Terminology used throughout the tool needs to be clarified and defined

Search and Results:

- Evaluators requested a Boolean 'Not'
- Would like improved navigation through large results sets (e.g., 'Get Next 50')
- Rate or score provided with each 'hit' similar to implementation in Yahoo

Where did my EP7 Feedback go?



EP7 Developers:

- **EP7 Team incorporated early feedback into the later iterations of JEST**

ECS Developers:

- **ECS developers received a copy of all comments collected from evaluators**

Client Design Working Group:

- **Tiger teams focused on all aspects of Client design received copies of EP7 feedback.**
- **CDWG URL: <http://ecsinfo.hitc.com/cdwg/cdwg.html>**

EP7 Results Report:

- **Available soon on EDHS: <http://edhs1.gsfc.nasa.gov/>**